

FORM PTO-1449/A and B (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 10/550978		ATTY. DOCKET NO.: N0260.70068US01			
				FILING DATE: September 26, 2005		CONFIRMATION NO.: Not yet assigned			
				APPLICANT: James Halbrook, et al.					
				GROUP ART UNIT: Not yet assigned		EXAMINER: Not yet assigned			
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## U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
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	A8	5,401,739		Ohno et al.	03-28-1995
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Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
	B1	DE	29 22 488	A1	CHEM PHARMAZ. FEBRIK DR. HERMANN THIEMANN GMBH	12-11-1980	N
	B2	DE	44 24 712	A1	BASF AG	01-18-1996	N
	B3	DE	31 41 970	A1	VSESOUZNYJ NAUCNO- ISSLEDOVATEL'SKIJ INSTITUT LEKARSTVENNYCH RASTENIJ	05-05-1983	N
	B4	EP	0 078 241	A2	CIBA-GEIGY AG	05-04-1983	N
	B5	EP	0 106 800	A1	CIBA-GEIGY AG	04-25-1984	N
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	B7	EP	0 342 665	A2	TAKEDA CHEMICAL INDUSTRIES, LTD.	11-23-1989	N
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				GROUP ART UNIT: Not yet assigned		EXAMINER: Not yet assigned	
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	B16	WO	00/17386	A1	FOX CHASE CANCER CENTER	03-30-2000	Y
	B17	WO	00/18750	A2	KIMBERLY-CLARK WORLDWIDE INC.	04-06-2000	Y
	B18	WO	01/17985	A1	INDENA S.P.A.	03-15-2001	Y
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	B20	WO	03/055479	A1	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	07-10-2003	Y
	B21	WO	90/14008	A1	SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	11-29-1990	Y
	B22	WO	92/16517	A1	XENOVA LIMITED	10-01-1992	Y
	B23	WO	92/20666	A1	TAIHO PHARMACEUTICAL COMPANY, LIMITED	11-26-1992	Abstract
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	B25	WO	96/16632	A1	LABORATOIRES DE BIOLOGIE VEGETALE YVES ROCHER	06-06-1996	Abstract only
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	B28	WO	97/08133	A1	JAPAN TOBACCO INC.	03-06-1997	Abstract
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	B31	WO	99/39247	A1	FIRST CHEMICAL CORPORATION	08-05-1999	Y
	B32	WO	99/29705	A2	GLYCOMED INCORPORATED	06-17-1999	Y

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	C2	AGASIMUNDIN, Y.S., et al., (Abstract) "Furano compounds. XX. Synthesis of angular and linear furoxanthones," <i>Journal fuer Praktische Chemie</i> (Leipzig) (1972), 314(3-4), pp. 507-514	Abstract
	C3	ARAKI et al., "Nonsense mutation at TYR-4046 in the DNA-dependent protein kinase catalytic subunit of severe combined immune deficiency mice", <i>Proc. Natl. Acad. Sci. USA</i> , vol. 94, pp. 2438-2443 (1997)	
	C4	BIEDERMANN et al., "scid mutation in mice confers hypersensitivity to ionizing radiation and a deficiency in DNA double-strand break repair", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 88, pp. 1394-1397 (1991)	
	C5	BLUNT et al., "Defective DNA-Dependent Protein Kinase Activity is Linked to V(D)J Recombination and DNA Repair Defects Associated with the Murine scid Mutation", <i>Cell Press</i> , Vol. 80, pp. 813-823 (1995)	
	C6	BLUNT et al., "Identification of a nonsense mutation in the carboxyl-terminal region of DNA-dependent protein kinase catalytic subunit in the scid mouse", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 93, pp. 10285-10290 (1996)	

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C8	CHRISTODOULOPOULOS et al., "Potentiation of Chlorambucil Cytotoxicity in B-Cell Chronic Lymphocytic Leukemia by Inhibition of DNA-dependent Protein Kinase Activity Using Wortmannin <sup>1b</sup> ", <i>Cancer Research</i> , Vol. 58, pp. 1789-1792 (1998)		
C9	CRETCHER et al., "Syntheses with $\beta$ , $\beta'$ - Dichloro-Diethyl Ether", <i>Journal of the American Chemical Society</i> , Vol. 47, pp. 163-166 (1925)		
C10	CROISY-DELCEY, M., et al., "Aza Analogues of Lucanthone: Synthesis and Antitumor and Bactericidal Properties," <i>J. Med. Chem.</i> 1983, 26, pp. 1329-1333		
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C15	FONTENEAU, N., et al., "Synthesis of quinone and xanthone analogs of rhein," <i>Tetrahedron</i> 57 (2001) pp. 9131-9135		
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C17	FULOP G.M. and PHILLIPS, R.A., "The scid mutation in mice causes a general defect in DNA repair", <i>Nature</i> , Vol. 347, pp. 479-482 (1990)		
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C19	GILMAN et al., "Rearrangements in Amination by Alkali Amides in Liquid Ammonia and by Lithium Dialkylamides in Ether", <i>Journal of the American Chemical Society</i> , Vol. 74, pp. 3027-3029, (1952)	Abstract	
C20	GOUD, A.N., et al., "Furan compounds. XVI," <i>Monatsh. Chem.</i> (1969), 100(1), pp. 38-41	Abstract	
C21	HARFENIST, M., et al., "Selective Inhibitors of Monoamine Oxidase. 3. Structure-Activity Relationship of Tricyclics Bearing Imidazoline, Oxadiazole, or Tetrazole Groups," <i>J. Med. Chem.</i> 1996, 39, pp. 1857-1863		
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C24	IZZARD et al., "Competitive and Noncompetitive Inhibition of the DNA-dependent Protein Kinase", <i>Cancer Research</i> , Vol. 59, pp.2581-2586 (1999)		
C25	JACKSON, Stephen P., "DNA-dependent Protein Kinase", <i>Cell. Biol.</i> , Vol. 29, No. 7, pp. 935-938 (1997)		
C26	KLOPMAN, G., et al., "An artificial intelligence approach to the study of the structural moieties relevant to drug-receptor interactions in aldose reductase inhibitors," <i>Molecular Pharmacology</i> (1988), 34(6), pp. 852-862	Abstract	
C27	LANGER et al., "Rearrangement of o-benzoquinol acetates with amines", <i>Monatsh. Chem.</i> , Vol. 90, pp. 623-633 (1959)	Abstract	
C28	MARI, S., et al., "Flavone and xanthone derivatives related to fluoroquinolones," <i>Il Farmaco</i> 54 (1999) pp. 411-415		

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	C29	PETERSON et al., "Loss of the catalytic subunit of the DNA-dependent protein kinase in DNA double-strand-break-repair mutant mammalian cells", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92, pp.3171-3174 (1995)		
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	C32	TABARRINI, O., et al., "Design and Synthesis of Modified Quinolones as Antitumoral Acridones," <i>J. Med. Chem.</i> , 1999, Vol. 42, No. 12, pp. 2136-2144		
	C33	WINDHOLZ (Ed.) et al., "The Merck Index, ninth edition", p. 84, No. 658; p. 159, No. 1229; p. 187, No. 1458; p. 193, No. 1500; p. 263, No. 2050; p. 474, No. 3550; p. 680, No. 5043, p. 847, No. 6342; p. 871, No. 6521, p. 936, No. 7009; p. 939, No. 7031; p. 1069, No. 8011; p. 1080, No. 8094; p. 1275, No. 9592; (1976), Rahway, N.J.		
	C34	XUAN, T., et al., "Two new O- and C-glycosylxanthones from the <i>Gentiana tizuensis</i> Franch," <i>Gaodeng Xuexiao Huaxue Xuebao</i> (2001), 22(10, Suppl.), pp. 148-150	Abstract	

EXAMINER:  /Rebecca Anderson/	DATE CONSIDERED:  11/06/2009
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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PTO/SB/21 (09-04)

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<h2 style="text-align: center;">TRANSMITTAL FORM</h2> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>	Application Number	10/550978
	Filing Date	September 26, 2005
	First Named Inventor	James W. Halbrook
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	N0260.70068US01

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> <li>▪ Return Receipt Postcard</li> <li>▪ References</li> </ul>
Remarks The Director is authorized to charge our deposit account no. 23/2825 for any fee deficiencies associated with this filing.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	WOLF, GREENFIELD & SACKS, P.C.		
Signature	<i>El-Hayek</i>		
Printed name	Roque El-Hayek		
Date	March 3, 2006	Reg. No.	55,151

Certificate of Mailing Under 37 CFR 1.8(a) I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: March 3, 2006	Signature: <i>Sheila Gravina</i> (Sheila Gravina)